REMARKS/ARGUMENTS

In view of the amendments and remarks herein, favorable reconsideration and allowance of this application are respectfully requested. By this Amendment, claim 11 has been amended. Thus, claims 11-20 are pending for further examination.

Claim 11 remains rejected under 35 USC 103 as being obvious over Martin in view of Ostrover, Ludwig, and Fujinami. For at least the following reasons, Applicant respectfully submits that amended claim 11 is not rendered obvious by the cited references.

Applicant respectfully submits that language of currently amended independent claim 11 clarifies that the claim is directed to a system for enabling real-time identification wherein buffers contain data. The simultaneous use of the two temporary buffers is clarified. Additionally, currently amended independent claim 11 clarifies that the processing of the information transferred into the display buffer by a display control circuitry from one of the (video) temporary buffers occurs when the video data are transferred to the other temporary buffer by the operating system. Similarly, currently amended independent claim 11 clarifies the fact that the processing of the information transferred into the reproduction buffer by an audio control circuitry from one of the temporary buffers occurs when audio data is transferred to the other temporary buffer by the operating system.

Applicant also respectfully submits that currently amended independent claim 11 clarifies that either said status buffer means are put into an active state if one of the two

temporary buffers is empty, or these status buffer means are put into an inactive state because each of the temporary buffers corresponding to the task contain data. These status buffer means are provided for the status buffer means that store video data and for the status buffer means that store audio data.

Applicant notes that the Official Action appears to be incomplete. The first full paragraph on page 4 states, "The applicant argues that the claimed solution of specific buffers is not inherent in multitasking operating systems. The examiner disagrees; in that the buffers for a s". Regardless of what this statement might mean, Applicant respectfully submits that the claimed invention is not rendered obvious by the combination of references cited in the Official Action.

The architecture of the system defined by the current set of claims is different from the teachings of Ostrover because each buffer has specific buffer state means representing audio or video buffer, and the microprocessor can know which buffer contains data. The buffer full state of Ostrover only means that at least one buffer is full of data. In complete contrast, the "inactive" buffer state of the present invention means that the respective buffers contain data (e.g. no buffer is ready for a task).

The present invention equips the audio and video reproduction interface of two temporary buffers, so as to accelerate the transmission speed and the audio and video data processing and controls the scheduling module for giving the priority of the audio and video tasks so that they run in real time. Applicant respectfully submits that the limitations recited in currently amended claim 11 are directed to serving this purpose and
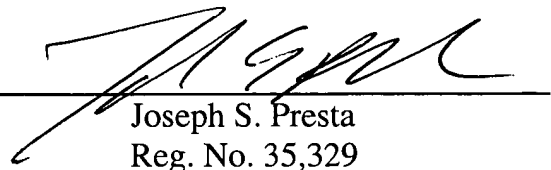
are indissociable. The embodiments of Ostrover do not suggest the claimed the claimed

processing for running the audio means the video means in real time. In the present

invention, however, the reproduction means must function in real time to obtain a correct

and continuous record. Applicant also respectfully submits that Ostrover does not teach

the claimed limitations relating to task priority and the scheduling module. Thus,

Applicant respectfully submits that currently amended independent claim 11 is not

rendered obvious by the combination of references cited in the Official Action.

With respect to dependent claims 12-20, Applicant respectfully submits that they

are allowable at least by virtue of their dependence from allowable currently amended

independent claim 11. Thus, Applicant respectfully submits that all pending claims are

not rendered obvious and are in condition for allowance.

For at least the foregoing reasons, Applicant respectfully submits that the

invention defined by the amended claims herein is not taught or suggested by the prior art

of record. Thus, withdrawal of the rejections and allowance of this application are

earnestly solicited.

Respectfully submitted,
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